

FIG. 1

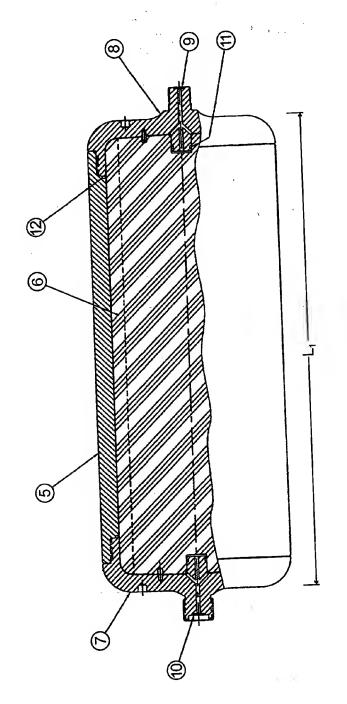
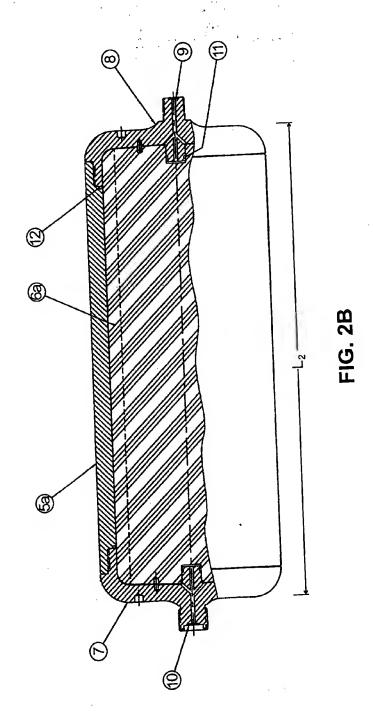


FIG. 2A



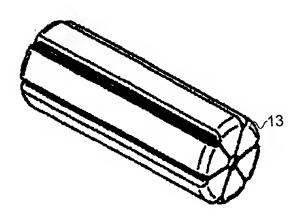


FIG. 3A

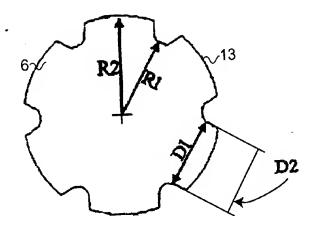


FIG. 3B

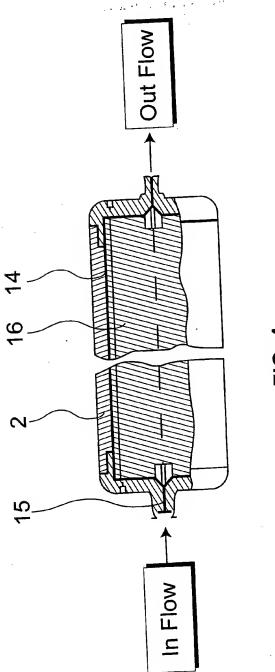


FIG. 4

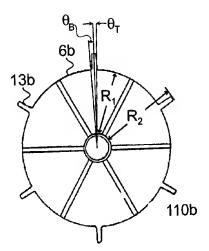


FIG. 6

000295	erms	-0.3937
	iate T	
3.327887	138 64	0.999 0.999 11.5189
31 mL		0.915272 degrees 1.52308 degrees 0.607808 degrees -88.04247 degrees
2543.2 mm/3	mm	0.0160 0.0266 0.0106 -1.5366
of the Chord formed for W2: ume Component 2: bre Volume:	Lateral distance across fin bo	Calculated Theta-T in radians Calculated (Theta-T+Theta-B) in radians Calculated Theta-B in radians Calculated fin Wall Angle in radlans
C1 Length of W2 Fin Volum	D1 2.1 D2	Calculate Calculate Calculate Calculate Calculate
1111 O.U	Length of the Chord formed for WZ. 2543.2 mm/3 Fin Volume Component 2: Available Volume 2543.2 mm/3 2543.2 mm/3	Length of the Chord formed for WZ. Length of the Chord formed for WZ. Z543.2 mm^3 31 mL 3.327887 3.327887 3.327887 3.327887 Available Volume Component 2: D1 Lateral distance across fin bottom in mm 0.083 inches Intermediate

FIG. /

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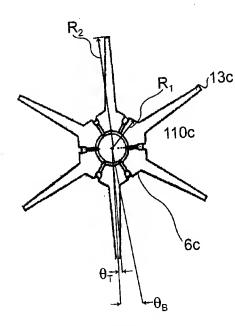


FIG. 8

T. S. See Test				٠.,	• • • •	
	uter Inner 31602.2 3186.742	62.6377 0.0857.31		te Terms	-1.905	
.10275822 degrees 7.6119838 degrees	Outer 31602.2	62.6377)	Intermediate Terms 0.999	0.954	
iches iches 0.00192 1	10317 mL 1040 mL 341 mL	0.110 inch 566 mL	82.1[0.250 inches (D2+0.031")	0.100 inches	8.714742 degrees 7.611984 degrees -87.5776 degrees	
2.598 0.822 pp fin surface in radians ottom fin surface in radian	10316669.4 mm ^{A3} 1040325.2 mm ^{A3} 28415.5 mm ^{A3}	2.8 mm 47172.1 mm ^A 3			0.0192 0.1521 0.1329 -1.5285	FIG. 9
R2 Outer Radius of the Core in mm 0.825 ir Inner Radius in mm Theta-T Angle formed by one-half the bottom fin surface in radians Theta-B Angle formed by one-half the bottom fin surface in radians I enoth of the Core in mm	Total volume of the Cylinder:	Fin Volume Component 1: Length of the Chord formed for W2: Fin Volume Component 2:		D1 Lateral distance across fin botton in min D2 Lateral distance across fin top in mm	Calculated Theta-T in radians Calculated (Theta-T+Theta-B) in radians Calculated Theta-B in radians	Calculated fin Wall Angle in radialis
	V2 T	W C W				

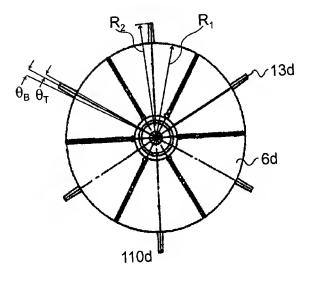


FIG. 10

The target of the Core in mm 2.148 inches							
Colculated Theta-T Theta-B in radians Colculated Theta-T Theta-B in radians Colculated Theta-B in radians Colculated Theta-T Theta-B in radians Colculated Theta-B in radians Colcula		ner 18074.35	0.000295	19.35	Terms		
Couter Radius of the Core in mm 2.045 inc Inner Radius in mm Theta-T Angle formed by one-half the bottom fin surface in radians Theta-B Angle formed by one-half the bottom fin surface in radians Theta-B Angle formed by one-half the bottom fin surface in radians Theta-B Angle formed by one-half the bottom fin surface in radians Theta-B Angle formed by one-half the bottom fin surface in radians 10433770.0 mm ^{A3} 7109107.3 mm ^{A3} Fin Volume of the Cylinder: Component 1: Component 1: Component 2: Fin Volume Component 2: Calculated Theta-T in radians Calculated Theta-T+Theta-B) in radians Calculated Theta-T+Theta-B) in radians Calculated fin Wall Angle in radians Calculated Theta-B Calculated fin Wall Angle in radians Calcu	degrees degrees	Outer In 26527.04	3,327887	original states of the states		666.0 666.0	11.5189
Inner Radius of the Core in mm Inner Radius in mm Theta-T Angle formed by one-half the bottom fin surface in radians Theta-B Angle formed by one-half the bottom fin surface in radians Theta-B Angle formed by one-half the bottom fin surface in radians Theta-B Angle formed by one-half the bottom fin surface in radians Theta-B Angle formed by one-half the bottom fin surface in radians Theta-B Angle formed by one-half the bottom fin surface in radians Theta-B Angle formed by one-half the bottom fin surface in radians Theta-B Angle formed by one-half the bottom fin surface in radians Theta-B Angle formed by one-half the bottom fin surface in radians Theta-B Inner Radius of the Core frunk: 10433770.0 mm/3 R452.7 mm/3 R4	2 2		0.023 inch 30 mL			0.915272 degrees 1.52308 degrees 0.607808 degrees	-88.04247 degrees
Theta-T Theta-B Theta-	o fin surface in radia	10433770.0 mm ³ ·7109107.3 mm ³ 8452.7 mm ³	0.6 mm 2537.9 mm ^A 3				
(%) T T T T T T T T T T T T T T T T T T T	Outer Radius of the Core in mm Inner Radius in mm Angle formed by one-half the to Angle formed by one-half the b Length of the Core in mm	me of the Cylinder: Ime of the Core trunk:	ne Component 1: f the Chord formed for W2: ne Component 2:		Lateral distance across fin bo Lateral distance across fin top	ed Theta-T In radians ted (Theta-T+Theta-B) in radians	ted Theta-B in radians ted fin Wall Angle in radians
16 Waldaniere -	Theta-B	1000			D1	Calculat Calculat Calculat	Calculat Calculat

FIG. 11

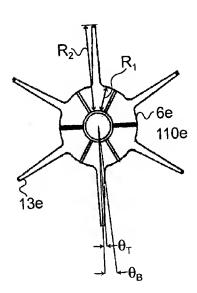


FIG. 12

				:
	Inner 5934.284	6,000	e Terms	-1.397
degrees degrees	Outer Inner 36192.22 5934.284	44.28434	Intermediate Terms	0.999 0.978 39.2684
2.598 inches 1.052 inches ns	10456 mL 1714 mL 363 mL 0.089 inch	406 mL 3.0.LL	0.223 inches (D2+0.031") 0.113 inches	1.246138 degrees 6.084127 degrees 4.837989 degrees -87.96252 degrees
n 1. op fin surface in radians oottom fin surface in radi	10455661.2 mm ⁴³ 1714370.5 mm ⁴³ 30257.9 mm ⁴³ 2.3 mm	33818.5 mm ⁴³	mm	0.0217 0.1062 0.0844 -1.5352
Outer Radius of the Core in mm 1.052 Angle formed by one-half the top fin surface in radians Angle formed by one-half the bottom fin surface in radians Length of the Core in mm	Total volume of the Cylinder: Total volume of the Core trunk: Fin Volume Component 1:	ne Component 2:	Lateral distance across fin bottom in mm Lateral distance across fin top in mm	Calculated Theta-T in radians Calculated (Theta-T+Theta-B) in radians Calculated Theta-B in radians Calculated fin Wall Angle in radians
66.0 R2 Z67 R1 Theta-T Theta-B 764.3 L	V2 Total volu V1 Total volu W1 Fin Volum		D1 2.9 D2	Calculate Calculate Calculate Calculate Calculate

FIG. 13

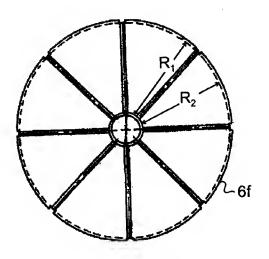


FIG. 14

	the second			
	0 0		S.	•
`	Inner		Terr	
	<u> </u>		00 dlate	1.000 1.000 1.9398
rees	0		Intermediate Terms	1.000 1.000 0.9398
o degrees O degrees	Outer		Decision .	
			.031	es es es
	그 길 그 등 길		D2+0.031")	0 degrees 0 degrees 0 degrees degrees
	10456 mL 10160 mL 0 mL 0.000 inch 0 mL	1.6.0		\sim
Section of the sectio	40 10 0.0		ches	
2,598 Inches 2,561 Inches ns adians			0.000 Inches 0.000 Inches	
2.59 2.56 ns adian			0.0	
radia e in r	1.2 mm ³ 8.6 mm ³ 0.0 mm ³			
ce in	10455661.2 mm ^{A3} 10159968.6 mm ^{A3} 0.0 mm ^{A3} 0.0 mm			0.0000 0.0000 0.0000
surfa I fin s	59968		n m n	0.000 0.000 0.0000 #DIV/OI
ottom	101		tom i	44-
Outer Radius of the Core in mm 2.598 Inner Radius in mm Angle formed by one-half the top fin surface in radians Angle formed by one-half the bottom fin surface in radians Length of the Core in mm			Lateral distance across fin bottom in mm Lateral distance across fin top in mm	Jians
Outer Radius of the Core i Inner Radius in mm Angle formed by one-half i Angle formed by one-half i Length of the Core in mm	W2:		oss f	ed Theta-T in radians ed (Theta-T+Theta-B) in radians ed Theta-B in radians ted fin Wall Angle in radians
the (mm y one y one ir	ar. unk: d for		se acr	lans ta-B) llans in ra
ius of us in ned by ned by the C	ylinde ore tr ant 1: orme	ant 2:	stand	n rad +Thel In rad \ngle
Radii form form form	he C he C pone	an an	ग् <u>व</u> च	ia-T lista-T- sta-T- ta-B l
Outer Radius of the Inner Radius in mm Angle formed by on Angle formed by on Length of the Core	ime of the Cylinder: ime of the Core trunk: ne Component 1: the Chord formed for W2:	Com	Late Late	ed Theta-T in radians ed (Theta-T+Theta-B) ed Theta-B in radians ted fin Wall Angle in re
-	olum olum olume h of tl	olume ete		Calculated Theta-T in radians Calculated (Theta-T+Theta-B) in rad Calculated Theta-B in radians Calculated fin Wall Angle in radians
R2 R1 Theta-T Theta-B	Total volume of the Cylinder: Total volume of the Core trunk: Fin Volume Component 1: Length of the Chord formed for W	N C	D1 D2	Calculati Calculati Calculati Calculati
66.0 R2 65.0 R1 The The	- F - F - J		D1 0.0 D2	
97.0	300 24 42 24 44 24 44	W2		
38165 419			-7/	

FIG. 18

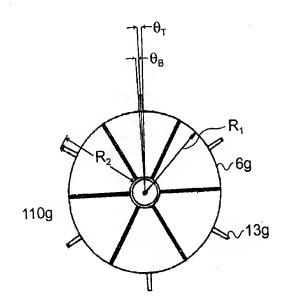


FIG. 16

, , , , , , , , , , , , , , , , , , ,	ere register	. 11 mg. 1	5
	nter Inner 3289.58 9059.154 3.32305 0.000295	erine Montalis Montalis	e Terms -0.3937
degrees	Outer Inner 13289.58 9059.154 3.32305 0.000295		Intermediate Terms 0.999 0.999 11.5062 -0.39
2.598 inches 5.196 2.145 inches 4.29 ans 0.91527174 degrees ans 0.6074527 degrees radian	5227 mL 3563 mL 51 mL 0.023 inch 15 mL	1.01i 0.114 inches (D2+0.031")	0.083 Inches 0.915272 degrees 1.522724 degrees 0.607453 degrees -88.04031 degrees
2.5 2.1 top fin surface in radians bottom fin surface in rad	5227135.7 mm ⁴³ 3563198.9 mm ⁴³ 4230.4 mm ⁴³ 0.6 mm 1269.6 mm ⁴³		n mm 0.0160 0.0266 0.0106 -1.5366
Outer Radius of the Core in mm 2.1538 inc 2.145 inc 2.145 inc Angle formed by one-half the top fin surface in radians Angle formed by one-half the bottom fin surface in radians Length of the Core in mm	Total volume of the Cylinder: Total volume of the Core trunk: Fin Volume Component 1: Length of the Chord formed for W2:	me Component Z.	D1 Lateral distance across in constitution in mm [D2] Lateral distance across fin top in mm Calculated Theta-T in radians 0 Calculated (Theta-T+Theta-B) in radians 0 Calculated fin Wall Angle in radians 1-1
56 0 R2 54 R1 Theta-T Theta-B		Volu (S	D1 2.1 D2 0.083 Calcula' Calcula' Calcula'
56.0 57.5	3222		9.0

FIG. 17

	$i \geq i, a_i = i + i$	•	·
	209714.8 142890.4 19.44062 0.060277	e Terms	-0.3937
degrees degrees	Outer 209714.8) <u>estimotesi</u> Intermediate Terms	0.876 0.809 11.5189
2.508 inches 2.145 inches ans ans radians 0.625 3.57949303 degrees	5227 mL 3562 mL 802 mL 0.134 inch 89 mL	1.327 Inches (D2+0.031")	14.44335 degrees 18.02284 degrees 3.579493 degrees -88.04247 degrees
mm 2.5 2.1 le top fin surface in radians he bottom fin surface in rad	5227135.7 mm^3 3561538.0 mm^3 66824.5 mm^3 3.4 mm 7405.1 mm^3	bottom in mm 1 top in mm 1	0.2521 ans 0.3146 0.0625 -1.5366
Outer Radius of the Core in mm 2.598 Inches Inner Radius in mm Angle formed by one-half the bottom fin surface in radians Length of the Core in mm	Total volume of the Cylinder: Total volume of the Core trunk: Fin Volume Component 1: Length of the Chord formed for W2: Fin Volume Component 2:	Voltrini Lateral distance across fin bottom in mm Lateral distance across fin top in mm	GCalculated Theta-T in radians Calculated (Theta-T+Theta-B) in radlans Calculated Theta-B in radians Calculated fin Wall Angle in radians
66 0 R2 51 R1 Theta-T Theta-B 382.1 L	Total volu Total volu Fin Volur Length of Fin Volur	AV. JII. [3]. D1 32.9 D2	1.296 Calculate Calculate Calculate Calculate
38.	% C & < 2	100-674 意識等	+

FIG. 18

,	206441.7 0.179394	Terms	-0.3937
degrees	Outer Inner 302845.5 206441.7 27.69047 0.179394	Inter	0.746 0.616 11.5062
5.196 4.29 20.8573877 degrees 5.14837464 degrees	5227 mL 3563 mL 1157 mL 0.193 lnch 126 mL	(D2+0.031")	20.85739 degrees 26.00576 degrees 5.148375 degrees -88.04031 degrees
inches inches	5227 3563 1157 0.193 120	.850 inches	20.8573 26.0057 5.1483 -88.040
2.55 2.14 fin surface in radians tom fin surface in radi	5227135.7 mm ^{^3} 3563198.9 mm ^{^3} 96403.8 mm ^{^3} 4.9 mm 10511.8 mm ^{^3}	mm 1	0.3640 0.4539 0.0899 -1.5366
Outer Radius of the Core in mm 2.538 inc Inner Radius in mm 2.145 inc Angle formed by one-half the top fin surface in radians Angle formed by one-half the bottom fin surface in radians Length of the Core in mm	Total volume of the Cylinder: Total volume of the Core trunk: Fin Volume Component 1: Length of the Chord formed for W2: Fin Volume Component 2:	Isvalume Lateral distance across fin bottom in mm Lateral distance across fin top in mm	ted ted sted
66800 R2 Theta-T Theta-B 382.1 L	Total vo Total vo Fin Volv Length	D1	1.850 Calcula Calcula Calcula Calcula
	82828		

FIG. 15

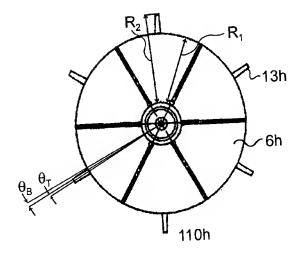


FIG. 20

ACTA TO	uter Inner 18177.4 12385.27	0.000414	1. 1.47 1.71 - 13.77	e Terms	.:	-0.3937
degrees	Outer 18177.4	3.724271 0.000414		Intern	0.999 0.998	11.5189
2.598 inches 2.145 inches ans 0.6802237 degrees radians 0.6802237 degrees	5205 mL 3547 mL 70 mL	0.025 inch 17 mL		0.145 inches (D2+0.031") 0.114 inches	1.937391 degrees	0.680224 degrees -88.04247 degrees
mm 2 2 le top fin surface in radian le bottom fin surface in ra	5205244.4 mm ^{,3} 3546622.3 mm ^{,3} 5792.1 mm ^{,3}	0.6 mm 1416.9 mm ^A 3			0.0219 ans 0.0338	0.0119
Outer Radius of the Core in mm 2.598 inch Inner Radius in mm Angle formed by one-half the top fin surface in radians Angle formed by one-half the bottom fin surface in radians Length of the Core in mm	Total volume of the Cylinder: Total volume of the Core trunk:	Fin Volume Component 1. Length of the Chord formed for W2: Fin Volume Component 2:		Lateral distance across fin bottom in mm Lateral distance across fin top in mm	Calculated Theta-T in radians	Calculated () () () () () () () () () (
R2 ST ST R1 Theta-T Theta-B	Total volu Total volu	Fin Volun Length of	TARRESO	D1 2.9 D2	0.114 Calculate	Calculat Calculat Calculat
S S	2 S	≥ Ω §	700			

FIG. 21

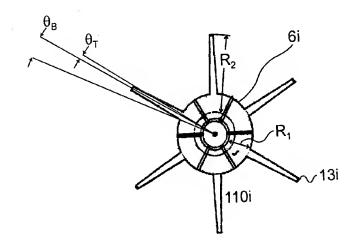


FIG. 22

*	. #58 \$1		,	
,	Juter Inner 18093.7 2966.748 66.87882 0.123425	· . '.	e Terms	-2.54
degrees degrees	Outer Ir 18093.7 66.87882		6	0.956 0.956 39.2684
2.598 inches 1.052 inches ans #1.2461381 degrees radians 7.30918223 degrees	5227 mL 857 mL 182 mL 0.134 inch 306 mL	163/163/163/163/163/163/163/163/163/163/	0.313 inches (DZ+0.031.)	1.246138 degrees 8.55532 degrees 7.309182 degrees -86.29909 degrees
t.C top fin surface in radians bottom fin surface in rad	5227135.7 mm ⁴ 3 857071.3 mm ⁴ 3 15127.0 mm ⁴ 3 3.4 mm 25506.7 mm ⁴ 3		Line in the second	0.0217 s 0.1493 0.1276 -1.5062
Outer Radlus of the Core in mm Inner Radlus in mm Angle formed by one-half the top fin surface in radians Angle formed by one-half the bottom fin surface in radians Length of the Core in mm	Total volume of the Cylinder: Total volume of the Core trunk: Fin Volume Component 1: Length of the Chord formed for W2: Fin Volume Component 2:	in Manual Comment of the Comment of	Lateral distance across fin bottom in mm Lateral distance across fin top in mm	Calculated Theta-T in radians Calculated (Theta-T+Theta-B) in radians Calculated Theta-B in radians Calculated fin Wall Angle in radians
6810 R2 267 R1 Theta-T Theta-B 382.1 L		Availan	D1 2.9 D2	
	25×28 25×28			

FIG. 23

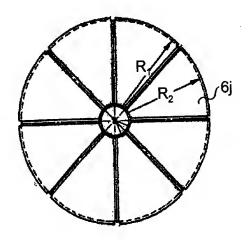
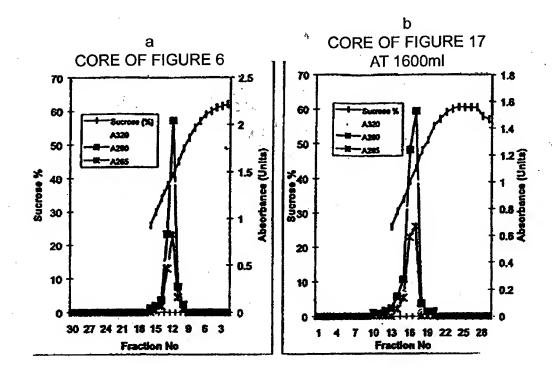


FIG. 24

		·	, ,,
	0		. 0
0 degrees	Outer Inner 0	7) v 0/00000 Intermediate Terms	1.000 1.000 0.9398
nches nches renebb	5227 mL 5079 mL 0 mL 0.000 inch 0 mL	0.000 inches (D2+0.031")	0 degrees 0 degrees 0 degrees #DIV/0! degrees
mm 2 2 2 1e top fin surface in radiar 1e bottom fin surface in ra	5227135.7 mm ^{^3} 5079309.0 mm ^{^3} 0.0 mm ^{^3} 0.0 mm 0.0 mm	mm	0.0000 0.0000 0.0000 #DIV/0!
Outer Radius of the Core in mm 2.598 Line Radius in mm 2.501 Length of the Core in madians Length of the Core in mm	Total volume of the Cylinder: Total volume of the Core trunk: Fin Volume Component 1: Length of the Chord formed for W2: Fin Volume Component 2:		Calculated Theta-T in radians Calculated (Theta-T+Theta-B) in radians Calculated Theta-B in radians Calculated fin Wall Angle in radians
550 R1 Theta-T Theta-B 382.1 L	V2 Total volun V1 Total volun W1 Fin Volum C1 Length of t	6.0 D2	Calculate Calculate Calculate Calculate

FIG. 25



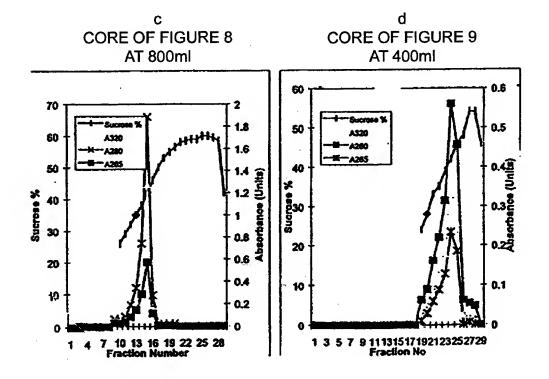


FIG. 26.